SPECIFICATION AMENDMENTS

None

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1, 3, and 7-19.

- After this Amendment: Claims 1, 3, 9-13, 15 and 18-19.

Non-Elected, Canceled, or Withdrawn claims herein: Claims 7-8, 14 and

15-16.

Amended claims: Claims 1, 9, 13, and 18-19.

New claims: None

<u>**Claims:**</u>

1. **(Currently Amended)** A method for stylizing vide <u>utilizing a processor and a memory</u>, comprising:

performing a spatio-temporal segmentation analysis on the video to identify three dimensional volumes of contiguous pixels having a similar color;

receiving an interactive user input identifying a group of the three dimensional volumes, ~~wherein~~ the three dimensional volumes of contiguous pixels comprise segments, wherein the interactive user input comprises outlining a plurality of segments<u>, the outlining being performed on a number of keyframes of the video, the number of keyframes being fewer than a total number of frames of the video, and additional segments on frames of the video other than keyframes are identified by determining a relationship of the additional segments to the segments outlined on the keyframes</u>; and

identifying the group of three dimensional volumes as a single semantic region.

2. **(Canceled)**

3. **(Original)** The method of claim 1, wherein the spatio-temporal segmentation analysis comprises an anisotropic kernel mean shift segmentation procedure.

4 - 8. **(Canceled)**

9. **(Currently Amended)** The method of claim [[8]] 1, wherein the relationship comprises at least a portion of the additional segments being enclosed by one or more of the segments outlined on the keyframes.

10. **(Original)** The method of claim 9, wherein the at least a portion comprises at least a majority of pixels of the additional segments.

11. **(Original)** The method of claim 1, further comprising applying a stylization to the single semantic region.

12. **(Original)** The method of claim 11, wherein the stylization comprises a mean shift technique.

13.   (Previously Presented)   A computer-readable medium having computer-executable instructions for stylizing video, the instructions comprising:

performing a spatio-temporal segmentation analysis on the video to identify three dimensional volumes of contiguous pixels having a similar color;

receiving an interactive user input identifying a group of the three dimensional volumes, wherein the three dimensional volumes of contiguous pixels comprise segments, wherein the interactive user input comprises outlining a plurality of segments; [[and]]

identifying the group of three dimensional volumes as a single semantic region; and

deriving a set of edge sheets that represent the surface of the single semantic region and associating the edge sheets with the semantic region, wherein a thickness of the edge sheets is determined based on criteria associated with the single semantic region and the criteria comprises a position of the edge sheet relative to an arclength of the edge sheet.

14.   (Canceled)

15.   (Original) The computer-readable medium of claim 14, further comprising rendering the edge sheets as a curve between the semantic region and another portion of the video.

16 - 17.   (Canceled)

18.   (Currently Amended) The computer-readable medium of claim [[16]] 13, wherein the criteria comprises a duration of existence of the semantic region in the video.

19.   (Currently Amended) The computer-readable medium of claim [[16]] 13, wherein the criteria comprises a movement of the semantic region in the video.

20 - 25.   (Canceled)